

DIPG Symposium

DIPG Symposium, August 1-3, 2019, Pullman Sydney Hyde Park, 36 College St, Sydney NSW 2010, Australia

www.dipg.org



Speaker's Note

All slide materials must be delivered in final form no later than 7:30 the day off the presentation to the presenter prep room via flash drive. If you would like to send your presentation in advance, please email to josh.thompson@thecurestartsnow.org.

CSN Medical Advisory Council				
Gavin Baumgardner, Chair Nicholas Gottardo	Alberto Broniscer Cynthia Hawkins	Shana Coley Daniel McPherson	Maryam Fouladi Michelle Monje-Deisseroth	Stewart Goldman Roger Packer

Ancillary Meeting Rooms
Presentation Preparation Green Room - Busby Room, Second Floor
Ancillary Meeting Room - Dalley Room, Second Floor
MAC Meeting Room - Park View Room, Third Floor

Attendee Legend	
Open Attendance	Family and Foundations
Doctors and Collaborative Sponsors	CSN Chapters
Collaborative Sponsors	Special Ticket

Thursday, August 1	Windows on the Park - Pullman	Alternate Location
12:00-13:00		Tour of Children's Cancer Institute - Shuttle provided from Pullman lobby, TBA (Advance Registration Required)
13:00-14:00		
14:00-15:00	International DIPG Registry Steering Council Meeting (Invitation Only)	
15:00-16:00		
16:00-17:00		
17:00-20:00	The Cure Starts Now Chapter Dinner and Awards (CSN Chapters Only)	Hospitality Terrace Open - Terrace, Second Floor Pullman
20:00-22:00		

Friday, August 2	Ibis Room - Pullman	Alternate Location
7:30-8:00	BREAKFAST SERVED IN LOBBY	
8:00-8:20	Welcome and Introductions Keith Desserich, DIPG Collaborative and The Cure Starts Now Foundation; Ren Pedersen, The Cure Starts Now Foundation	
8:20-8:40	Review of Current Funded Research Results and Progress (Moderated by Gavin Baumgardner, The Cure Starts Now Foundation) Repurposing Mefloquine for Diffuse Intrinsic Pontine Glioma Therapy – Bakhos Tannous, Massachusetts General Hospital	
8:40-8:55	Determine the Efficacy of BMP and MEK Inhibitors with RT to Treat ACVR1 Mutant DIPG – Christine Hoeman, Northwestern University	
8:55-9:10	Validation of TAK228 as an Effective Drug for Treating Children with DIPG – Javad Nazarian, Children's National Medical Center	

9:10-9:25		Developing Novel Combination Therapeutic Approaches for DIPG Targeting Polo-like Kinase 1 – Laura Franshaw, Children's Cancer Institute (AU)
9:25-9:40		Toward a Multimodality Cure for DIPG: Investigation of Intratumoral Drug Penetration and Craniospinal Irradiation – Adam Green, Anschutz Medical Campus
9:40-9:55		Targeting Neuronal Activity Regulated DIPG Infiltration – Michelle Monje, Stanford University
9:55-10:10		BREAK
10:10-10:25		Targeting DIPG Through Pharmacological Activation of Mitochondrial Biogenesis: an In Vitro and In Vivo Preclinical Study – Cynthia Hawkins, The Hospital of Sick Children
10:25-10:40		MRI Guided Focused Ultrasound: Towards Clinical Translation in DIPG - Saira Alli, The Hospital for Sick Children
10:40-10:55		Targeting EZH2 as a Therapeutic Strategy in DIPG – Richard Phillips, Memorial Sloan Kettering Cancer Center
10:55-11:10		Investigating the Role of DIPG-derived Exosomes in Tumor Growth and Invasion – Maria Vinci, Ospedale Pediatrico Bambino Gesù
11:10-11:25		Elucidating the Underlying Mechanisms of Radio Resistance at Diagnosis and Relapse in DIPG – David Castel, Gustave Roussy

11:25-11:40		Targeting DIPG through Combining a Super-activator (MCB-613) of Steroid Receptor Co-activators with Radiation – Xiao-Nan Li, Northwestern University
11:40-11:55		An Open Label Single Arm Phase I/II Study of MTX110 Delivered by CED in Patients with DIPG Previously Treated with External Beam Radiation Therapy - Sabine Mueller, The Regents of the University of California
11:55-12:10		Combinational Strategies Alongside ACVR1 Inhibition in DIPG - Chris Jones, Institute of Cancer Research
12:10-12:25	LUNCH AVAILABLE IN LOBBY <i>(Continues into next session)</i>	
12:25-13:00	WORKING LUNCH - Cure Fund Grant (Moderated by Gavin Baumgardner) <i>Presentation of 6 prospective novel research protocols (4 minutes each) with funding of \$50,000 to the top 2 winners as decided by the Medical Advisory Council.</i>	
	12:27	Cure Fund Candidate – TBA
	12:32	Cure Fund Candidate – TBA
	12:37	Cure Fund Candidate – TBA
	12:42	Cure Fund Candidate – TBA
	12:47	Cure Fund Candidate – TBA

	12:52	Summary of Cure Fund Presentations
13:00-13:20		Review of Current Funded Research Results and Progress - CONTINUED (Moderated by Gavin Baumgardner)
		Defining the Molecular Mechanisms of DIPG Development and Progression to Uncover Novel Therapeutic Targets - Jerome Fortin, The Campbell Family Institute for Cancer Research
13:20-13:35		Investigating the Role of DIPG-derived Exosomes in Tumor Growth and Invasion - Maria Vinci, Bambino Gesù Children's Hospital
13:35-13:50		A Mouse Model of HIST1H3B/ACVR1 Mutant DIPG - Chris Jones, The Institute of Cancer Research
13:50-14:05		Short-pulse Ultrasound Delivery of Panobinostat for the Treatment of DIPG in Children - Gail ter Haar, The Institute of Cancer Research
14:05-14:20		Credentialing an Improved DIPG Mouse Model - Oren Becher, Ann & Robert H. Lurie Children's Hospital
14:20-14:35		Imaging to Discern Immunotherapeutic-Induced Pseudoprogression in CNS Tumors - Kellie Haworth, St. Jude Children's Research Hospital
14:35-14:50		Polyamine Pathway Metabolism as a Novel Therapeutic Option for DIPG - Maria Tsoli, Sydney Children's Hospital
14:50-15:00		Summary – Gavin Baumgardner, Chair Medical Advisory Council, The Cure Starts Now

15:10-15:25	<p>Review of Cure Fund Grants (Moderated by Gavin Baumgardner)</p> <p>Using Zebrafish to Accelerate DIPG Drug Development – Eric Raabe, Johns Hopkins</p>	
15:25-15:35	<p>Cellular Cybercriminals: DIPG Hacks into the Neural Communication Infrastructure – Michelle Monje, Stanford University</p>	
15:35-15:45	<p>Advanced RNAi therapeutics for DIPG – Miguel Sena-Esteves, University of Massachusetts Medical School</p>	
15:45-16:00	<p>BREAK</p>	
16:00-16:30	<p>DIPG International Registry Update - Maryam Fouladi, Cincinnati Children's Hospital Medical Center</p>	
16:30-17:00	<p>Connect Collaborative – Maryam Fouladi, Cincinnati Children's Hospital Medical Center</p>	
17:00-17:30		
17:30-21:30		<p>Networking Dinner – The Studio - reservation only, space limited <i>(Presentation of Cure Fund Recipients, Collaborative Researcher of the Year and Research Innovator of the Year at 18:30) - short walk with directions</i></p>

Saturday, August 3	Ibis Room - Pullman	Cook Room - Pullman	Alternate Location
6:45-7:15	BREAKFAST SERVED IN LOBBY		
7:15-7:45	DIPG Registry Collaborations		Collaborative Organizational Session - Heidi Feyerherm-Smith, The Cure Starts Now; Patrick Dunion, Aidan's Avengers; Steve Healey, Brooke Healey Foundation; Barrie Littlefield, Brain Cancer Advocate
7:45-8:15			New Member Forum - Seve Healey, Brooke Healey Foundation
8:15-8:45			Introduction to the DIPG Symposium - Barrie Littlefield, Brain Cancer Advocate
8:45-9:00	BREAK		
9:00-9:20	Keynote - TBA		
9:20-9:30	Australian Research Showcase - Moderated by Barrie Littlefield, Brain Cancer Advocate		
9:30-9:50			
9:50-10:10			

10:10-10:30		Development of Novel CAR-T Cells Targeting K27M - Misty Jenkins, The University of Melbourne
10:30-10:50		Clinical CAR-T Cell Therapy for GD2-Positive Malignancies Including Childhood and Adult Gliomas - Michael Brown, South Australia Medical Research Institute
10:50-11:10		Emotion, Science and Hope - Stewart Kellie, Children's Hospital at Westmead; Barrie Littlefield, Brain Cancer Advocate
11:10-11:40		DIPG Researcher Meets DIPG Parent - Matt Dun, University of Newcastle
11:40-12:40	LUNCH SERVED IN LOBBY	
12:40-13:00	BMI - TBA	Review of Research Presentations – Trent Hummel, Cincinnati Children's Hospital Medical Center; Steve Healey, The Brooke Healey Foundation
13:00-13:20	DIPG RAPNO - Kenneth Cohen, Johns Hopkins University School of Medicine	
13:20-13:40	ONC201 - TBA	

13:40-14:00	Unconventional Trial Design - William Hoos, xCures	
14:00-14:10	BREAK	
14:10-14:30	Biomed - David Castel, Gustave Roussy	Family and Foundation Networking Session - Steve Healey, The Brooke Healey Foundation; Heidi Feyerherm-Smith, The Cure Starts Now Foundation and Love, Chloe Foundation
14:30-14:50	Ribociclib Update - TBA	
14:50-15:10	Microdialysis - Sadhana Jackson, National Institutes of Health	
15:10-15:30	TBA	
15:30-15:40	BREAK	
15:40-16:00	Closing Session – Gavin Baumgardner, The Cure Starts Now Foundation	
16:30-19:30		Bay Cruise TBA - (reservation only - space limited)

Sunday, August 4	Cook Room - Pullman
7:30 - 12:00	CONNECT Consortium Workshop (Members and Invitation Only)
12:00-12:30	LUNCH SERVED IN LOBBY FOR ATTENDEES
12:30-15:30	CONNECT Consortium Workshop (Members and Invitation Only)